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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

SERIAL NO.: UNASSIGNED § DOCKET D-5050-C-C-C
FILING DATE: UNASSIGNED §
APPLICANT: CASKEY ET AL. § EXAMINER: A. MARSCHEL
TITLE: MULTIPLEX GENOMIC DNA §
AMPLIFICATION FOR §
DELETION DETECTION § ART UNIT: 1807

334
H.G.J
11/11/94

Commissioner of Patents and Trademarks
Box FWC
Washington, D.C. 20231

PRELIMINARY AMENDMENT UNDER 37 C.F.R. § 1.115

Dear Sir:

Please enter the following preliminary amendments to the claims in the File
Wrapper Continuation Application filed herewith.

AMENDMENTS

In the claims:

1. (four times amended) A method for simultaneously detecting known deletions from at least three DNA sequences, comprising the steps of:

treating said DNA to form single-stranded complementary strands;
style="padding-left: 40px;">adding at least three pairs of oligonucleotide primers, each pair specific for a different sequence, one primer of each pair substantially complementary to a part of the sequence in the sense-strand and the other primer of each pair substantially complementary to a different part of the same sequence in the complementary anti-sense strand [and all primers having similar melt characteristics];

annealing the at least three pairs of primers to their complementary sequences, all primers being subjected to the same reaction conditions;